

## BATTERY CHARGING METHOD

### Abstract of the Disclosure

A battery charger that adjusts and applies charging pulses to a battery such that one or more battery parameter is regulated. Terminal voltage of the battery, relative to the battery's quiescent voltage, during the charge application is one such battery parameter indicative of the battery's charge absorption rate. Maintaining the charging voltage at a predetermined value during the charging process is achieved by adjusting the charging pulse both amplitude-wise and temporally. The adjustment of the charging pulse is performed such that a high rate of charge input into the battery is maintained during the charging process.

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